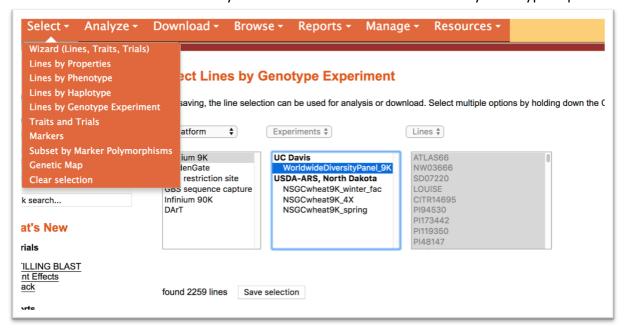
Flapjack is a visualization and analysis program for genotype data. The software is provided by The James Hutton Institute (JHI) and runs on Windows, Linux and MacOS. The program is available from Flapjack Download. Data from T3 website can be accessed by

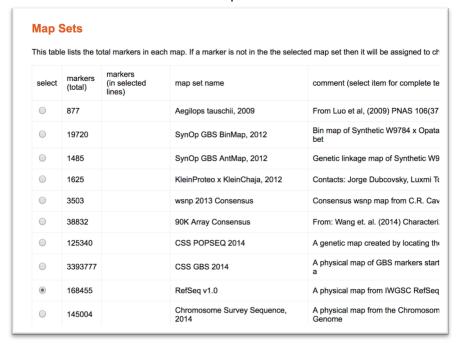
- 1. Saving from T3 then importing into Flapjack or
- 2. Using BrAPI to import directly into Flapjack

Download data from T3 website then import the data into Flapjack

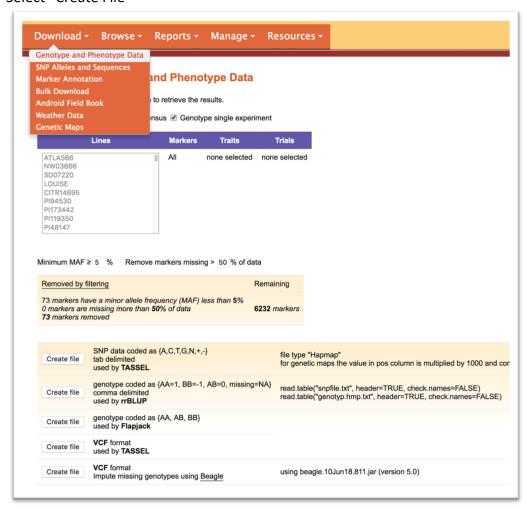
1. The data can be selected by Select => Wizard or Select => Lines by Genotype Experiment



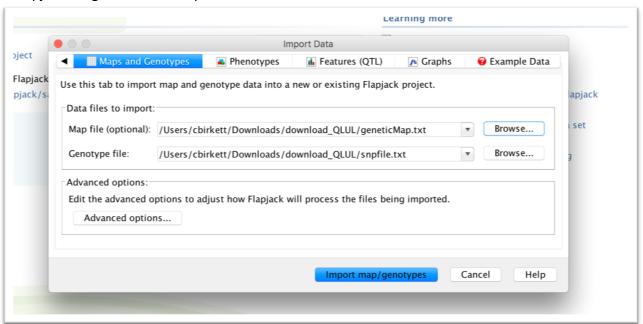
2. Go to Select => Genetic Map



- 3. Go to Download => Genotype and Phenotype Data Select Flapjack format
- 4. Select "Create File"



5. In Flapjack Program select "Import Data"

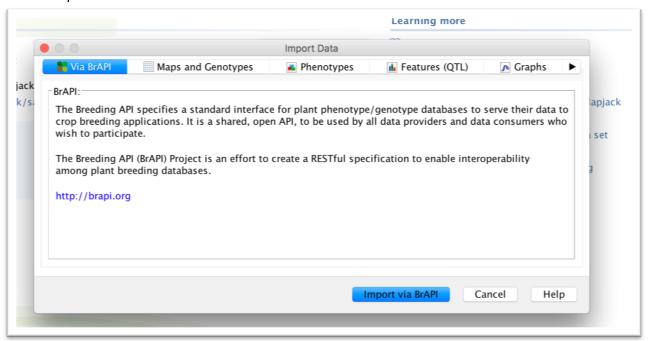


- 6. On the "Map file" line select "GeneticMap.txt" file.
- 7. On the "Genotype file" line select "Browse" then select the "snpfile.txt" file.

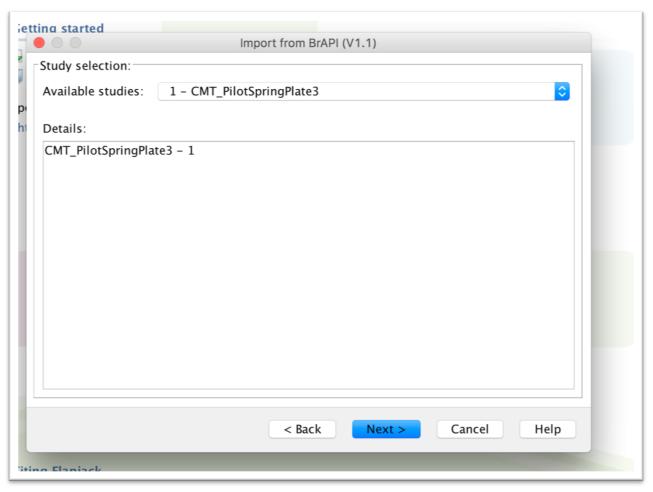


Use BrAPI to directly import data from T3 into Flapjack

- 1. In Flapjack Program select "Import Data" then select left arrow so Via BrAPI is visible.
- 2. Select "Import via BrAPI"



- 3. In the Category select "Triticeae Toolbox, The" then "Next" then "Next" again.
- 4. Select from the list of studies then "Next"



- 5. Select from the list of Maps then "Next"
- 6. The Importing data step may take several minutes for large studies or maps.